

United States Of America  
Department of Transportation - Federal Aviation  
Administration

# Supplemental Type Certificate

Number **ST01578LA**

This Certificate issued to **ASTECH Engineered Products, Inc.**  
**3030 Red Hill Avenue**  
**Santa Ana, CA 92705-5866**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product Type **A28NM**  
Certificate Number :

Make : Airbus  
Model : A319-113, -114  
A320-111, -211, -212

*Description of Type Design Change:* Installation of ASTECH Engineered Products, Inc. Inlet Inner Barrel Assembly in accordance with ASTECH Engineered Products, Inc. document titled, "Master Drawing List A320 CFM56-5A Series Engine Inlet Drawing List No. MDL030-11030", Revision NC, dated December 11, 2003, or later FAA Approved revisions.

*Limitations and Conditions:* This approval should not be extended to other aircraft of these models on which other previously modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect on the airworthiness of those aircraft. A copy of this STC must be included in the permanent records of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

United States Of America  
Department of Transportation - Federal Aviation  
Administration

# Supplemental Type Certificate

(Continuation Sheet)

Date of application : October 2,  
2002

Date reissued :

Date amended :

Date of issuance : December  
23, 2003

By direction of the Administrator



\_\_\_\_\_  
(Signature)

Manager, Propulsion Branch  
Los Angeles Aircraft Certification Office

\_\_\_\_\_  
(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

# Supplemental Type Certificate

(Continuation Sheet)

## NOTE:

DO NOT DELETE THIS PAGE.

DO NOT ADD ANY DATA TO THIS PAGE.

THIS PAGE IS FOR PAGE NUMBERING PURPOSES,  
PLEASE DISCARD PRINTED COPY.

United States Of America  
Department of Transportation - Federal Aviation  
Administration

Supplemental Type  
Certificate  
(Continuation Sheet)  
Number

---

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

---